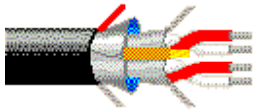


3115A Multi-Conductor - Thermocouple Extension Cable

For more Information
please call

1-800-Belden1



General Description:

20 AWG pairs solid conductors, PVC insulation, individually shielded plus an overall Beldfoil shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	20	Solid	Iron
1	20	Solid	Constantan
	22	7x30	BC - Bare Copper

Total Number of Conductors: 5

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4064

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
149.85941

Overall Nominal Diameter: 8.433 mm

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Pair

Pair Color Code Chart:

Number	Color
1	White & Red and Numbered 1
2	White & Red and Numbered 2

Pair Lay Length & Direction:

Lay Length (mm)	Twists (twist/m)
63.5	15.749

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Non-UL Temperature Rating:	105°C
Bulk Cable Weight:	72.178 Kg/Km
Max. Recommended Pulling Tension:	246.875 N
Min. Bend Radius/Minor Axis:	83.820 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
CSA Specification:	FT4
EU Directive 2011/65/EU (ROHS II):	Yes
IEEE Specification:	1202
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
ANSI Specification:	MC 96.1-1982 Type JX

Flame Test

UL Flame Test:	UL1685 FT4 Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Surface Printing:	BELDEN 3115A E34972 2PR20 1C22 THCPL EXTN JX SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(uL) CMG ---- FT4 IEEE1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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Electrical Characteristics (Overall)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
22.3108

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	34.779 Ohm/km
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Notes (Overall)

Notes: Iron & Constantan = "Constantan is a Hoskins Manufacturing Company trademark."

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
3115A 0105000	5,000 FT	315.000 LB	BLACK	C Z	2FSPR#20,1#22PVCFSPVCJX

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 04-15-2008

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